

Project Fact Sheet

Commonwealth Project 3.3 - Building Integrated PV Generation

GOALS

- Improve consumer affordability to these higher cost systems
- Reduce installed PV costs per peak watt and per life cycle kWh
- Find ways to add outside inherent value to the PV system installation over its life



PROJECT DESCRIPTION

The project will develop several important services. The services, which are in three distinct but related areas, include: demonstrating BIPV systems and innovative project development models, facilitating relationships between supply- and demand-side stakeholders, and initiating contact with stakeholders. Four photovoltaic systems will be developed to demonstrate creative implementation models for building-integrated photovoltaics in public sector facilities. Several services aimed at facilitating project development will be developed in parallel with the demonstration projects. Services that will facilitate others' implementation of BIPV projects include development and demonstration of alternative ownership models, providing access to financing and bulk-purchase equipment pricing, and developing and sharing analytic tools necessary to evaluate the economics of potential projects. Lastly, the project will involve direct contact with large numbers of supply- and demand-side stakeholders, thereby initiating projects in situations where opportunities exist but the elements necessary for successful project development would not otherwise have been brought together.



BENEFITS TO CALIFORNIA

The project will advance the BIPV in public sector facilities by using a comprehensive approach that includes demonstration, facilitation, and initiation. Development of several demonstration systems will establish credibility of the implementation model.

A key benefit of the project is that development and demonstration activity will be undertaken in concert with outreach services that will initiate projects that will apply the advances resulting from other project. The resulting “one stop shop” for building-integrated photovoltaics in public sector facilities will represent an important, direct contribution to increasing the diversity of electricity supply and the affordability of renewables

FUNDING AMOUNT

PIER Funding \$827,686
Match Funding \$2,350,000

PROJECT STATUS

The project is scheduled from 6/20/2002 to 3/1/2005. The Commonwealth program kick off meeting was held on May 29, 2002 at the California Energy Commission. The project is currently on schedule and within the budget.

FOR MORE INFORMATION

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